

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

Toast Radio

(A recent entry in a TM Tall Tales Contest)

Little could we have guessed, as we inducted Mary Lou into Wouff Hong Toastmasters, that she would single-handedly be responsible for the changes to Amateur Radio and Toastmasters which I shall here relate.

What can I say about Mary Lou that hasn't already been said in other clubs throughout the USA? She rose rapidly through the radio amateur ranks, from a nine-year old Novice to Amateur Extra Class in two short years.

Did I tell you that Mary Lou was competitive? By age 15 she had placed first in her ARRL section in a Novice Roundup, and first in her division in the ARRL Sweepstakes. By age 17 she had gained a place on the DXCC Honor Roll, having contacted radio amateurs in 324 countries and having received confirmation "QSL" cards for all but Minerva Reef.

She joined Toastmasters three weeks after her 18th birthday and earned her Competent Toastmaster (CTM) in three months, her Advanced Toastmaster (ATM) in the next three, and rounded out her first year with the Distinguished Toastmaster (DTM).

Alas, she was fast running out of worlds to conquer! Then she spied a note in *The Toastmaster* offering rewards to Toastmaster recruiters, Gold Star pins to those sponsoring 10 new members and Ascot Scarfs to those sponsoring 15. Mary Lou contacted Toastmasters International (TI) World Headquarters to get a copy of *From Prospect To Guest To Member*. Upon receiving it, she decided to bring in to Toastmasters not 10, not 15, not 150, but 150,000 new members, almost doubling its size.

(For those of you not swift with the math, this equates to 10,000 Ascot Scarfs.) Now, she couldn't get them all directly from TI—nor, for that matter—sign 150,000 Toastmaster Application forms herself before June 30, so she devised a multi-level group marketing scheme wherein she would recruit 15 new members who would each recruit 15, and so forth. It would only take five generations to top 750,000.

But what 750,000? I mean, you don't want to let riff-raff into Toastmasters! Her intended targets were the three quarter million radio amateurs in the USA. You see, they, or at least the ones using voice instead of Morse Code or digital emissions were the ones most in need of Toastmaster help.

Rotten operating practices had developed gradually on the radio amateur bands, like a cancer. Nowhere were these rotten operating practices more evident than on the phone bands, which were beginning to sound like the Citizen's Band. One of the worst failings of both groups was having nothing of consequence to say, and taking forever to say it.

She laid the blame—perhaps unfairly—mostly on the newcomers, the no-code Technicians who were clambering for more operating privileges without passing a Morse code exam.

Just last month Mary Lou convinced the ARRL, the FCC, and TI that radio amateurs desiring to transmit voice should demonstrate some proficiency in that mode of operation. Namely, that one should learn to think before putting one's mouth in gear.

It was rumored that TI's acceptance came after the Better Amateur Radio Foundation gave TI's president an amateur band receiver and he tuned the 20 and 75 meter phone bands.

The die has now been cast. RM-7388, which goes into effect next year specifies that:

"In addition to the regular written exam covering laws and electronics fundamentals, an applicant desiring phone privileges will be required to obtain a Toastmaster's award, CTM for the basic privileges, and higher awards for additional privileges.

Toastmaster Ah Counters will take the place of ARRL Official Observers, extracting a fine of one cent per infraction. In addition to the usual ummms, and ahs, infractions common on the amateur bands include the use on voice of jargon such as Morse code abbreviations, Q signals, and 10-codes.

Special penalties will be extracted from those observed monopolizing the six and two meter calling frequencies."

TI's president, when informed of the eminent introduction of 150,000 U.S. radio amateurs into Toastmasters had the following to say!

"10-4 good buddy! But no LIDS, no KIDS, and no Space Cadets!"

1997-8 6m DX Marathon Results

This, the first of our Dec-Jan DX Marathons, was the first in which the number of contact points advanced every 1100 km in range. As a result, no one went to the trouble of calculating their score—and so I wrote a computer program to do the scoring. (It calculated the distance between centers of grid squares, assigned points and kept track of grid fields.)

CALL	GRID	QSO	PTS	MULTIPLIER	FINAL SCORE
PY5CC	GG54	341		15	5130
KC6IPF	CN80	59		10	600
C6AGN	FL16	56		8	456
XE2HWB	DL44	2		7	21

Jan-March 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in *MOBIL HAM*, JR3HED, G4UPS, VE7SKA, SM7FJE, LW5EJU, HP3XUG, XE2HWH, and W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1998 for months less than 04 and 1997 for any starting with 12. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

ASCENSION IS.

03092306 8D8VHF 529 > IM67XI B EH7KW
03101920 8D8VHF VY WEAK > IM67XI B EH7KW

CHAD

03080000 TT8JE CLG CQ > IM61 50.110 H EH7KW

MALAWI

03101946-7Q7RM KH74 > IM67XI W EH7KW

NAMIBIA

03031500 V51VHF 599+ 50.017 B EA3ADW
03077777 V51VHF > IM61XI B EH7KW
031019XX V51VHF > IM67XI B EH7KW

SOUTH AFRICA

02281041 8S28IX KP25 -1055 50.005 B 8R1EV
02281124 8S28IX KP25 -1128 50.005 B 8R1EV
02281131 8S3777 556 clg CQ 50.200 H 8R1EV
03077777 8S6PJS > IM61XI W EH7KW
03121738 8S > IM67XI EH7KW

ZIMBABWE

03121738 821 > IM67XI EH7KW

Reports of Asia

HONG KONG

03201346 VR2XWQ 50.110 S JR6VSP
03201356 VR2XWQ 50.110 S JR6VSP
03201357 VR2XWQ 50.110 H JR6VSP
03201402 VR9SLC 50.110 S JR6VSP
03261324 VR2SA > PL36 50.110 S JR6VSP
03261405 VR2IL > PL36 50.110 S JR6VSP
03261407 VR2ELL > PL36 50.110 S JR6VSP
03261502 VR2SA > PL36 50.110 C JR6VSP

JAPAN

01040518 JAa 50.110 S JD1BIY
03232200 JS6CDB CLG CQ -2330 50.110 H 8P6CW
03251050 JA QRM -1106 50.110 H VK3SIX

KOREA,S.

01031047 HL1LSV 50.110 S JA1
01031047 HL1LTC 50.110 S JA1
01031053 HL1LTC 50. S JI1WMI

MALAYSIA, WEST

02210825 9M2 ch2
02211310 9M2 ch2
02280430 9M2 ch2
02280444 9M2TO 250deg' -0459
02280455 9M2TO >PM75
02280505 9M2TO 280° Sc
02280512 9M2TO & 0616
02280512 9M2TO
02280530 9M2TO
02280535 9M2TO
02280539 9M2TO
02280610 9M2TO
03080400 9M2 ch2
03080425 9M2TO
03080439 9M2TO
03080440 9M2KT
03080508 9M2TO
03091155 9M2 ch2 S9+
03140533 9M2TO/CQ wkd cw 0540
03140545 9M2TO
03140548 9M2TO
03140651 9M2TO
03150509 9M2TO Scatter
03201417 9M2NK
03201418 9M2NK sabb @ 1440
03201420 9M2NK
03201420 9M2NK >PL05
03201422 9M2NK >PL36
03201426 9M2NK
03201442 9M2NK >OL72
03211424 9M2NK
03220500 9M2 ch2 S9+
03221431 9M2NK sabb @ 1438
03221441 9M2NK >OL72
03231252 9M2NK
03231423 9M2NK
03231441 9M2NK
03231512 9M2NK
03251409 9M2KT > OL72
03251409 9M2KT > OL72
03251423 9M2KT cw @ 1451
03251443 9M2NK > PL36
03251457 9M2KT sabb @ 1504
03251508 9M2KT > PL36
03251553 9M2NK > PL36
03261311 9M2KT sabb @ 1318
03261550 9M2NK > PL36

Spratley Is. (Layang Layang)

02130520 9MOC 50.102 C JR2HCB
02140420 9MOC 50.102 C JI1CPW
02140424 9MOC & 0607 50.102 C JH0BQX
02140430 9MOC 50.102 C JR2ULS
02140453 9MOC 50.102 C JA7WSE
02140545 9MOC 50.102 C JR2HCB
02150715 9MOC 50.102 C JR2HCB
02160600 9MOC & 0816 50.102 C JR2HCB
02170615 9MOC 50.102 C JR2HCB
02190450 9MOC sabb @ 0525 50.102 C JR2HCB
02190517 9MOC sabb @ 0527, 0745 50.102 C JR2HCB
02190525 9MOC 50.102 C JH1WHS
02190609 9MOC cw @ 0739 50.130 S JR2NET
02190633 9MOC S @ 0645 50.102 C JR4HEF
02200743 9MOC > 0900 50.102 B JR2HCB
02200745 9MOC 50.102 H JH0HME
02200853 9MOC >PM53 50.102 C JH6VXP
02210500 9MOC 50.102 C JE2KDM
02210620 9MOC 50.102 C JR2HCB
02210813 9MOC 50.102 C JR2HCB
02210821 9MOC 50.102 C JF3NGM
02210828 9MOC wkd 0929 SSB 50.102 H JA5CMO
02210835 9MOC 50.102 C JR2HCB
02210840 9MOC 50.102 C JA0-6
02210840 9MOC >PM53 50.102 C JA6RJX
02210901 9MOC 50.102 C JA5GJH/4
02210907 9MOC 50.102 C JR0QFA
02210915 9MOC 50.102 C JA0-6
02220434 9MOC 50.102 H JE2DWE
02220440 9MOC PM65 50.102 C JR2SQE
02220450 9MOC -0515 50.102 C JA1/2/3

TAIWAN

01021030 BV2SR 50.110 S JR2HCB

Reports of Europe

CZECH REPUBLIC

03262000 OK0EG FAI 144 B EA3ADW

DENMARK

02010930 022LD CLG CQ -0945 H G4UPS
02011150 026VHF 559 IM/OUT -1205 B G4UPS
02280846 022LD 559 M/S -0856 H G4UPS
03101838-0E AU > IO91 W G4RGK

GERMANY

03262000 DF6AAB FAI 144 B EA3ADW

GREECE

03161340 SV1SIX 551 KM17ux 50.040 B 8R1EV
03161422 SV1SIX 552 KM17ux > JP96 B 8R1EV

LITHUANIA

03101838-LY2SA AU > IO91 144 H G4RGK

NORWAY

02161752 LA4LW JP50 > JO65 AU SM7FJE
02172300 LA - TV AURORAL V G4UPS
03101838-LA AU > IO91 W G4RGK

48.250 V JA5CMO
53.750 F JA5CMO
48.250 V JA1VOK
50.110 H JA1VOK
50.110 H JA5CMO
50.117 C JA3JTG
50.117 H JA9BHE
50.117 C JR2HCB
50.117 H JA3EZE
50.117 C JA2-6
50.117 C JE2XBY
50.118 H JE2DWE
50.117 H JA6RJX
48.250 V JA6TEW
50.117 H JA6TEW
50.117 C JH6VXP
50.110 H JH6VXP
50.117 C JR2HCB
53.75 F JA5CMO
50.117 H JA1VOK
50.117 C JA6TEW
50.117 H JE2DWE
50.117 C JA3JTG
50.117 C JA9BHE
50.110 C J76CCU
50.110 C JR6VSP
50.110 C JR6HI
50.110 C BV2SR
50.110 C JR6RAM
50.110 C JR6QWV
50.110 C VR9SLC
50.110 C JA6QGG
53.75 F JA1VOK
50.110 C JR6VSP
50.110 S VR2XMT
50.108 S J76CCU
50.108 C JR6VSP
50.110 S VR2XMT
50.110 H JA6QGG
50.120 S VR2IL
50.120 S VR2LC
50.110 S JR6VSP
50.107 C JR6VSP
50.110 C J76CCU
51.000 F J76CCU
50.106 C J76CCU
50.110 C JR6VSP
50.110 C J76CCU

SCOTLAND

02161745 GM3WQJ > JO65 AU SM7FJE
02161818 GM4OBD > JO65 AU SM7FJE
02172345 GM -0100 AURORA W G3HER
03101838-GW AU > IO91 W G4RGK

SWEDEN

02161735 SM4HWJ JP70 > JO65 AU SM7FJE
02161820 SM6FTA JO58 > JO65 AU SM7FJE

Reports of N. America

This month's TV DX reports via ionospheric modes were submitted by VE7SKA; WA5IYX; Danny Ogleshorpe, Shreveport, LA; and Jeff Kruska, Baton Rouge, LA.

NORTH AMERICA (Caribbean)

03262335 S51AG/MM 59 EK28>EM21 .125 S WA5JCI

BAHAMAS

03012021-C6AJR W WP40
03030040 C6AIE 50.110 W WP40

CANADA, Eastern

02112212 unID 2 ON CTV T OGLETHO
03102300 VE FN99 > FN14 AU 144 VE3IKY
03102330>VE2BKL FN48 > EN92 AU 144 W WA3LBT
03102334 VE9XK 55A FN77>FN13 AU 144 K2SPO
03110004-VE3IEY FN14 > EN51 AU 144 W WA9JML
03110011-VE3FGU FN04 > EN51 AU 144 W WA9JML

CANADA, Western

02181530 VE6EMU, VE7 > CM88 B K6QXY
03110000 VE6EMU 51A DO33>DO21 B VE6KT
03150320 VE6EMU 85-7 AU> DO31 50.040 B VE6BTT
03160520 VE6EMU DO33 > DO21 B VE6KT
03241705 VE7 50.135 H KB2SGX
03270030 VE6EMU DO33 >DO21 AUR WEAK B VE6KT

COSTA RICA

02180113 TI2NA 53 TE50.0585 B LW5EJU
02212125 TI2NA 52 F2 B LW5EJU
02230130 TI2NA 59 TE50.0785 B LW5EJU
03182113 TI2NA B LU4HO
03192250 TI (Ea) -0230 > EK35,EK25 W W1LP/MM

DOMINICAN REPUBLIC

02240043 HI8HGS 58 RAFAEL TE 50.110 LW5EJU
02250013 HI8HGS 57 RAFAEL TE 50.110 LW5EJU

MEXICO

02130150 unIDa 2,4 XEW,XHGC-5 T OGLETHO
02142230 XHG 4 JAL 1003 T OGLETHO
02142302 unIDa 2,4,5 MEXICO T OGLETHO
02142302 XHPM 2 VER 950 T OGLETHO
02181731 unIDa 2,4,5 MEXICO & US T OGLETHO
02240220 unIDa 2 XEW T OGLETHO
02240220 XHAGU 2 AGU XEQ 896 T OGLETHO
02280050 unIDa 2 XEW, TV ATSCA T OGLETHO
03030035 unIDa 2 XEW T OGLETHO
03031515 unIDa 2 XEW T OGLETHO
03032345 unIDa 2 XEW T OGLETHO
03032345 XEWt 2 DF T OGLETHO
03040005 XHTV 4 DF 958 T OGLETHO
03080029 unIDa 2 MEXICO & US T OGLETHO

GRENADA

02230130 J3EOC 51 TE50.0565 B LW5EJU
02240007 J3EOC 52 TE B LW5EJU
03182113 J3EOC B LU4HO

PUERTO RICO

02172345 KP4PR 57 JOSE Ea 50.110 LW5EJU
02172353 WP40 59 EDWIN TE 50.110 LW5EJU
02172356 WP40 59 EDWIN TE144.200 LW5EJU
02180027 WP4MSL 59 JOSE TE 50.130 LW5EJU
02180035 WP4MSL 51 JOSE TE144.200 LW5EJU
02180057 KP4EIT 51 PAPO TE144.200 LW5EJU
02180057 KP4EIT 59+PAPO TE 50.130 LW5EJU
02192345 WP40 52 EDWIN TE 50.120 LW5EJU
02200014 WP4EIT 57 PAPO TE 50.120 LW5EJU
02200017 WP4MRK 57 ALEXIS TE 50.120 LW5EJU
02212042 KP4UK 59 MARCOS F2 50.110 LW5EJU
02212046 KP4EIT 51 PAPO F2 50.110 LW5EJU
02240002 KP4EIT 59 PAPO TE 50.110 LW5EJU
02240009 KP4SK 53 PEDRO TE 50.120 LW5EJU
02240015 KP4HX 51 BRAULIO TE 50.110 LW5EJU
02240020 KP4EIT 53 PAPO TE144.200 LW5EJU
02240024 WP4MSL 57 JOSE TE 50.110 LW5EJU
02250003 WP40 57 EDWIN TE 50.110 LW5EJU
03030040 WP40 50.110 W C6AIE
03032145-WP40 TE 144.150 H LU

ST KITTS & NEVIS IS.

02212048 V44K 52 F2 B LW5EJU

United States, W1,2,3

02112315 KDKA 2 PA 945 T OGLETHO
03030130 W1 FN55 > FN14 AU 144.200 C VE3IEY
03102327 N3AJX EN60 > EN34 AU 144.2 W N0UK
03110030-N3AJX EN60 > EN92 AU 144 W WA3LBT

United States, W4

03012015+K4SC W WP40
03012018-W4AER W WP40
03012025-W4LOX W WP40
03022240+W4/WA2LXG, KC4SUS, W4EMB W WP40
03022245+KF40UH, WB4JEM/M, W0VHF W WP40
03022350+KF46BC, W4CHA/M, KR4QAI, KT4TD W WP40
03031730+W4 TW < 1830 W W6OAL/O
03082059 WBJK 2 TW Sneedville T WA5IYX
03090000 WFBT 2 FL Miami EL95VX T WA5IYX
03111830 W4 FM16 > EM21 50.125 WA5JCI

United States, W5

02120140 W5AD EL29 & 0155 > DL44 S XE2HWB
02120152 W5/W6JKV EM10 > DL44 S XE2HWB
02120201 W50EI EM00 > DL44 S XE2HWB
02181530-W5 NM, TX > CM88 H K6QXY
03031730+W5 AR < 1830 W W6OAL/O
03050322 W5 NM DM64 & 65 170* VE7SKA
03070148 W5 EL09 AUSTIN TX H W0MTK
03111742 KPRC 2 TX Houston > NJ T SHAFTAN

United States, W6

02120148 KB6VFC DM13 > DL44 S XE2HWB
02120220 AA6DD DM13 > DL44 S XE2HWB
02120222 KB6FCT DM04 > DL44 S XE2HWB
02181727 KCBS 2 CA 1420 T OGLETHO
03050325 W6 S.CA DM04, 13, 14 190* VE7SKA

United States, W7

02110003 KNAZ 2 AZ 1045 T OGLETHO
02120141 W7/KC8CC DM43 > DL44 S XE2HWB
02120218 W7/KOFF DM26 > DL44 S XE2HWB
02120219 W7/AA6HA DM43 > DL44 S XE2HWB
02181530 W7 MT, WA > CM88 H K6QXY
02181705 KNAZ 2 AZ 1045 T OGLETHO
03040322 W7/WI6E 59 CN84>DM59 50.173 S W0MTK
03050403 W7RV DM43 175* 50.099 C VE7SKA
03050425 K7ICW DM26 175* 50.130 S VE7SKA

United States, W8

02112210 WJBK 2 MI 904 T OGLETHO
02112248 WDIV 4 MI 904 T OGLETHO
02112256 WDTN 2 OH 735 T OGLETHO
02112318 WCMH 4 OH 795 T OGLETHO
03030130 W8 EN82 > FN14 AU 144.200 C VE3IEY
03031730+W8 OH < 1830 W W6OAL/O
03102234 WD8OST 56A EN76>EN82 50.125 S W8WNX
03102258 KB8YPT 52A EN83>EN82 50.135 S W8WNX
03102300 W8 EN71 > FN14 AU 144 VE3IEY
03102303 K8TQK 41A EN89>EN82 50.135 S W8WNX
03102315 W8NYE 41A EN91>EN82 50.125 S W8WNX
03102331 KC8DII 52A EN66>EN82 50.150 S W8WNX
03102334 W8HOM 53A EN71>FN13 AU 144 K2SPO
03102357 W8/WV1R 59A EN82 50.170 S W8WNX
03110000-W8HOM EN71 > EN92 AU 144 W A3LTLB
03110018-KC8CCW EN57 > EN51 AU 144 W WA9JML

United States, W9

03031730+W9 IN < 1830 W W6OAL/O
03031830 W9 IN > DM79 H NOVSB
03080058 WISC 3 WI Madison T WA5IYX
03080206 WBYA 2 WI Green Bay T WA5IYX
03102302 K9FYF 53A EN45>EN82 50.135 S W8WNX
03102333 W9QJI EN52 > EN34 AU 144.2 W NOUK
03102340 WA9JML EN51 > EN34 AU 144.2 W NOUK
03102347 W9CEU 54A EN54>EN82 50.145 S W8WNX
03102350-WB9WHQ EN45 > EN51 AU 144 W WA9JML

United States, W0

02111730 KDLETC 5 SD Menard's Ad T KRUSKA
02120221 W0IPL DM73 > DL44 S XE2HWB
03031655 KXMA 2 ND 1110 T OGLETHO
03080059 KGAN 2 IA Cedar Rapids T WA5IYX
03080129 KDURHT 4 NE T OGLETHO
03080129 KNOP 2 NE 717 T OGLETHO
03102009 W0/W7XU 57A EN13>EN82 50.135 S W8WNX
03102240 W0AKC 54A EN44>EN82 50.125 S W8WNX
03102302 W0/W7XU EN13>EN34 AU 144.2 W NOUK
03102343 W0UK EN34 > EN51 AU 144 W WA9JML
03102357-WB08OK EN34 > EN51 AU 144 W WA9JML
03110004 WYOE EN17 > EN34 AU 144.2 W NOUK

Reports of Oceania

AUSTRALIA, General

03010300 VK-TV 46. JA8GSE

Australia-New South Wales

01030236 VK2DW 50.107 C JR2HCB
01030253 VK2DW 50.110 C JA7KHQ
02170440 VK2HL 50.110 S JR2HCB
02170500 VK2HO 50.110 S JE2KDM
02200422 VK2YHN 50.135 S JR2HCB
02200432 VK2YHN 50.135 S JE2XBY
02200436 VK2YHN 50.130 S JI1WMI
02200445 VK2YHN 50.185 S JI1WHS
02203236 VK2 ch0 > PM85 46.24 V JE2DWE
02205225 VK2YO 50.144 S JA7WSZ
02205235 VK2DO 50.135 S JR2SQE
02240420 VK2 ch0 46.24 V JA1VOK
02250427 VK2BA 50.126 S JI1WHS
02250458 VK2YO 50.135 S JA7WSZ
02250500 VK2YO 50.135 S JR2HCB
02250502 VK2YO 50.134 S JI1WHS
02280308 VK2 ch0 46.24 V JE2DWE
02280339 VK2 ch0 46.24 V JA1VOK
03010310 VK2 ch0 46.24 V JA1VOK
03010310 VK2JH 50.110 S JA8GSE
03010355 VK2CW 50.155 S JA8GSE

03070258 VK2 ch0
03140213 VK2 ch0
03150020 VK2 ch0
03220625 VK2 ch0
03230510 VK2QF

Australia-Victoria-VK3

01030302 VK3JMK
02130438 VK3XQ
02130444 VK3JMK
02140538 VK3BRE
02140540 VK3BRE
02240508 VK3
02270446 VK3JMK
02304423 VK3JMK
03230430 VK3SIX
03230436 VK3SIX
03230440 VK3SIX

Australia-Queensland-VK4

01090403 VK4GFS
01090405 VK4AFL
01090419 VK4APG
01090426 VK4DO
01090430 VK4/VK3LK
01090440 VK4WTN
02130523 VK4/VK2FE
02140530 VK4DO
02140545 VK4BC
02140555 VK4DO
02140600 VK4DO
02170430 VK4APG
02170430 VK4ARN
02170430 VK4GFS
02170433 VK4ARN
02170433 VK4BRM
02170435 VK4GFS
02170440 VK4FN
02170440 VK4TZL
02170442 VK4APG
02170448 VK4BRM
02170453 VK4GFS
02170459 VK4GFS
02170500 VK4KK
02170500 VK4PU
02170505 VK4HO
02170505 VK4PU
02170515 VK4/VK2FE
02170516 VK4/VK2FE
02170520 VK4DEV
02170530 VK4APG
02170530 VK4GFS
02180400 VK4 ch0
02190325 VK4 ch0
02200408 VK4RGG/B
02200409 VK4BRG/B
02200416 VK4APG
02200418 VK4APG
02200419 VK4/VK2FE
02200419 VK4APG
02200420 VK4GFS
02200421 VK4GFS
02200425 VK4GFS
02200426 VK4BRG/B
02200426 VK4RGG/B
02200430 VK4BRG/B
02200431 VK4APG
02200431 VK4BLK
02200433 VK4CEU
02200437 VK4GFS
02200437 VK4GFS
02200438 VK4BLK
02200438 VK4GFS
02200441 VK4DUG
02200445 VK4BLK
02200445 VK4BLK
02200450 VK4GFS
02200454 VK4AFL
02200455 VK4APG
02200500 VK4ABP/B
02200500 VK4BLK
02200504 VK4AFL
02200505 VK4AFL
02200506 VK4BLK
02200506 VK4GFS
02200508 VK4APG
02200509 VK4GFS
02200514 VK4BLK
02200515 VK4APG
02200522 VK4DO
02200522 VK4DO
02200525 VK4DMI
02200527 VK4DMI
02200527 VK4DO
02200530 VK4GFS
02200530 VK4PU
02200533 VK4DO
02200533 VK4PU
02200536 VK4DO
02200539 VK4DB
02200539 VK4HCB
02200540 VK4PQ
02200540 VK4PU
02200542 VK4PU
02200548 VK4DMI
02200552 VK4PQ
02210520 VK4 ch0
02220330 VK4 ch0
02220345 VK4GFS
02220405 VK4GFS
02220410 VK4GFS
02220415 VK4GFS
02220420 VK4WTN
02220422 VK4BLK

46.24 V JA1VOK
46.24 V JA1VOK
46.24 V JA1VOK
46.24 V JA1VOK
50.110 S JI1WHS

50.110 C JA7KHQ
50.130 S JH4BHF
50.115 S JH4BHF
50.110 S JR2ULS
50.150 S JR2ULS
50.110 S JR2HCB
50.110 C JR2HCB
50.103 C JH1WHS
50.125 S JH1WHS
50.125 S JH0HME
50.125 S JE1TGN

50. C JA4
50. C JA4
50.190 S JA4
50.119 S JA4
50.110 S JA4
50.120 S JA4
50.130 S JI1WMI
50.110 S JR2ULS
50.150 C JR2HCB
50.110 S JA5GJN/4
50.180 S JE2KDM
50.125 S JR2HCB
50.140 S JE2KDM
50.110 S JE2XBY
50.110 S JE2XBY
50.150 S JE2XBY
50.110 S JR2HCB
50.110 S JR2HCB
50.180 S JH1WHS
50.160 S JH1WHS
50.150 S JH1WHS
50.150 S JE4JFP
50.170 S JH1WHS
50.125 S JE4JFP
50.135 S JH1WHS
50.125 S JE4KDM
50.096 C JE2KDM
50.096 C JE2KDM
50.116 S JE2KDM
50.180 S JE2KDM
50.140 S JE2KDM
46.172 V JA5CMO
46.172 V JA5CMO
50.058 B JI1WMI
50.077 B JI1WMI
50.110 S JI1WMI
50.110 S JR2HCB
50.096 C JR2HCB
50.180 S JE1TGN
50.140 S JI1WMI
50.140 S JR2HCB
50.140 S JE2XBY
50.077 B JE2XBY
50.058 B JR2HCB
50.120 S JE1TGN
50.077 B JA8TNP
50.180 S JE2XBY
50.120 S JI1WMI
50.100 C JR2HCB
50.140 S JE1TGN
50.140 S JI1BBE
50.120 S JH1WHS
50.140 S JL3IVM
50.130 S JI1WMI
50.119 S JH2SMW
50.120 S JR2HCB
50.140 S JH2SMW
50.110 S JR2HCB
50.120 S JH2SMW
50.180 S JR2HCB
50.110 S JR2HCB
50.120 S JH2SMW
50.120 S JH2SMW
50.140 S JR2HCB
50.110 S JR2HCB
50.120 S JI1CPN
50.180 S JI1BBE
50.140 S JA9BHE
50.120 S JI1CPN
50.180 S JI1WHS
50.135 S JH1WHS
50.135 S JR2HCB
50.110 S JR2HCB
50.150 S JH1WHS
50.135 S JH2SMW
50.103 C JI1CPN
50.165 S JI1CPN
50.135 S JI1CPN
50.160 S JE1TGN
50.134 S JI1BBE
50.110 S JR2HCB
50.103 C JR2HCB
50.130 S JI1CPN
50.165 S JR2HCB
50.165 S JH1WHS
50.140 S JI1WMI
50.130 S JH1WHS
46.172 V JA5CMO
46.172 V JA5CMO
50.110 H JA5CMO
50.110 C JA3
50.105 C JA1/2/3
51.672 F JA5CMO
50.105 C JA7WSZ
50.160 S JA5CMO
50.120 S JA7WSZ

02220427 VK4WTN
02220427 VK4WTN
02220430 VK4JSR
02220431 VK4KGP
02220431 VK4WTN
02220432 VK4GFS
02220432 VK4JSR
02220432 VK4WTN
02220433 VK4GFS
02220433 VK4JSR
02220433 VK4WTN
02220434 VK4/VK2FE
02220434 VK4BLK
02220434 VK4WTN
02220435 VK4/VK2FE
02220435 VK4GFS
02220436 VK4IC
02220438 VK4JSR
02220440 VK4JSR
02220441 VK4JSR
02220442 VK4JSR
02220444 VK4IC
02220445 VK4/VK2FB
02220445 VK4DMI
02220445 VK4GFS
02220445 VK4IC
02220445 VK4JSR
02220445 VK4PU
02220446 VK4IC
02220447 VK4DMI
02220447 VK4PU
02220449 VK4PU
02220452 VK4LR
02220456 VK4LR
02220500 VK4GFS
02220500 VK4JSR
02220500 VK4PU
02220500 VK4YPM
02220501 VK4KK
02220501 VK4KMA
02220501 VK4KMA
02220502 VK4ABP
02220503 VK4KMA
02220504 VK4KMA
02220505 VK4ABP
02220505 VK4YPM
02220507 VK4YPM
02220508 VK4KMA
02220509 VK4DO
02220509 VK4JSR
02220509 VK4KMA
02220510 VK4GFS
02220510 VK4KMA
02220511 VK4DO
02220512 VK4DO
02220513 VK4BRG/B
02220513 VK4YPM
02220514 VK4PU
02220514 VK4YO
02220515 VK4BRG/B
02220515 VK4DO
02220515 VK4DO
02220515 VK4DO
02220516 VK4YPM
02220516 VK4YPM
02220517 VK4YPM
02220518 VK4BRM
02220518 VK4DO
02220518 VK4IC
02220519 VK4DO
02220520 VK4KK
02220521 VK4DO
02220522 VK4DO
02220524 VK4BRM
02220525 VK4DO
02220528 VK4BRM
02220528 VK4DO
02220529 VK4DO
02220530 VK4BRM
02220530 VK4BRM
02220531 VK4BRM
02220533 VK4BRM
02220535 VK4RGG/B
02220535 VK4YPM
02220536 VK4PU
02220541 VK4PU
02220542 VK4RO
02220544 VK4DO
02220545 VK4BRG
02220545 VK4RO
02220545 VK4RO
02220545 VK4RO
02220551 VK4GFS
02220552 VK4GFS
02220552 VK4YPM
02220553 VK4GFS
02220558 VK4BLK
02220601 VK4KK
02220605 VK4PG
02230520 VK4BLK
02230530 VK4DO
02230547 VK4DO & 0558 & 0619
02230548 VK4BRG/B
02230610 VK4BRG/B
02230620 VK4DO
02240406 VK4 ch0
02240419 VK4 ch0
02240420 VK4 ch0
02240421 VK4BLK
02240422 VK4GFS
02240423 VK4BLK
02240424 VK4BLK
02240428 VK4JU
02240436 VK4DO
02240542 VK4DO

50.110 S JA3
50.110 S JA7WSZ
50.140 S JH2SMW
50.130 S JI1CPN
50.160 H JE2DWE
50.150 H JE2DWE
50.140 S JA7WSZ
50.160 S JI1CPN
50.150 S JI1CPN
50.110 S JI1WMI
50.161 S JA1/2/3
50.096 C JA3
50.120 S JI1CPN
50.160 S JH1WHS
50.096 C JR2HCB
50.151 S JA0/1/2/3
50.130 S JA7WSZ
50.140 S JI1CPN
50.140 H JA5CMO
50.140 H JE2DWE
50.140 S JA1/2/3
50.130 S JI1CPN
50.095 H JA5CMO
50.170 S JA1/2/3
50.150 H JA5CMO
50.130 S JH1WHS
50.140 S JH1WHS
50.182 S JH2SMW
50.130 S JA1/2/3
50.170 S JI1CPN
50.183 S JA7WSZ
50.183 S JI1CPN
50.110 H JE2DWE
50.120 S JA7WSZ
50.150 S JE4JFP
50.140 S JR2SQE
50.132 H JA5CMO
50.165 S JA7WSZ
50.200 S JH1WHS
50.175 S JE2DWE
50.165 S JI1CPN
50.199 S JA7WSZ
50.175 S JH2SMW
50.175 S JR2SQE
50.205 S JH1WHS
50.165 H JA5CMO
50.165 S JR2HCB
50.175 S JI1CPN
50.135 S JR2HCB
50.140 S JR2HCB
50.175 S JA7WSZ
50.150 S JR2HCB
50.200 S JA7WSZ
50.135 S JH4CTW
50.135 S JI1CPN
50.077 B JR2HCB
50.165 S JH1WHS
50.183 S JR2SQE
50.145 S JR2SQE
50.077 B JA7WSZ
50.135 H JA5CMO
50.135 H JE2DWE
50.183 S JR2HCB
50.183 S JE2DWE
50.175 S JH1WHS
50.140 S JH2SMW
50.165 S JR2SQE
50.165 H JA7WSZ
50.095 C JA7WSZ
50.130 S JR2HCB
50.135 S JA7KHQ
50.120 S JR2SQE
50.143 S JE2DWE
50.143 S JR2HCB
50.170 S JH1WHS
50.143 S JI1CPN
50.170 H JA5CMO
50.170 S JE4JFP
50.170 S JR2SQE
50.170 S JE2DWE
50.058 B JA7WSZ
50.165 S JE4JFP
50.183 S JR2HCB
50.183 S JH4CTW
50.117 S JR2HCB
50.134 S JA9BHE
50.775 B JA6GGG
50.113 H JA5CMO
50.116 S JH1WHS
50.117 S JI1CPN
50.110 S JR2HCB
50.140 S JI1CPN
50.165 S JA9BHE
50.140 S JA7KHQ
50.110 S JA2-5
50.110 S JA2-5
50.110 S JR2HCB
50.077 B JR2HCB
50.077 B JR2HCB
50.110 S JR2HCB
46.172 V JE2DWE
50.170 C JR2HCB
46.172 V JA1VOK
50.110 S JH0HME
50.110 C JR2HCB
50.110 S JE2DWE
50.110 S JR2HCB
50.106 C JR2HCB
50.110 H JA1VOK

02240547	VK4DB	50.110 S	JH1WHS	03030451	VK4DO	50.125 S	JR2HCB	03140436	VK4FHO	50.150 H	JALVOK
02240550	VK4RDB	50.110 S	JALVOK	03030452	VK4GPS	50.140 S	JR2HCB	03140436	VK4FHO	50.145 H	JR2DWS
02240548	VK4RDB	50.058 B	JA7WSI	03030454	VK4/VK2FE	50.096 C	JR2HCB	03140437	VK4APL	50.140 H	JR2DWS
02240548	VK4DMI	50.110 S	JA7WSI	03030455	VK4ABW	50.110 S	JR2HCB	03140437	VK4AKK	50.145 H	JR2DWS
02240541	VK4QPS	50.105 C	JA7WSI	03030517	VK4DV	50.136 S	JR2HCB	03140440	VK4 ch0 S9+	51.672 F	JALVOK
02240542	VK4QPS	50.140 S	JE2KDN	03030519	VK4/VK2FE	50.100 C	JR2HCB	03140440	VK4FHO	50.150 H	JR2DWS
02240543	VK4WTH	50.120 S	JE2KDN	03030520	VK4DV	50.140 S	J11WMI	03140447	VK4/VK2FE	50.096 H	JR2DWS
02240544	VK4TEL	50.130 S	JE2KDN	03030530	VK4BRG/B	50.077 B	JR2HCB	03140456	VK4ABP	50.077 B	JALVOK
02240544	VK4TEL	50.130 S	JH1WHS	03030533	VK4ABP/B	52.347 B	JR2HCB	03140504	VK4ABP	52.3465 B	JALVOK
02240547	VK4DMI	50.150 S	JE2KDN	03030544	VK4FHO	50.130 S	JR2HCB	03140543	VK4AR	50.130 S	JR2DWS
02240547	VK4WTH	50.120 S	JH1WHS	03030545	VK4DO	50.125 S	JL3IVM	03140607	VK4RO	50.130 H	JALVOK
02240540	VK4BLK	50.160 S	JA7WSI	03030557	VK4BLK	50.160 S	JR2HCB	03150020	VK4 ch0	46.172 V	JALVOK
02240540	VK4BLK	50.160 S	JE2KDN	03030641	VK4FHO	50.130 S	JL3IVM	03150545	VK4TL	50.115 H	JALVOK
02240540	VK4KR	50.145 S	JE2KDN	03040428	VK4BRG	50.077 B	JH6VXP	03150548	VK4TL	50.115 S	JH1WHS
02240542	VK4KR	50.145 S	JA7WSI	03040437	VK4DB	50.110 C	JH6VXP	03160434	VK4BRG	50.077 B	JR2DWS
02240543	VK4/VK2FE	50.096 C	JE2KDN	03040437	VK4DB	50.110 C	JR2HCB	03180626	VK4DB	50.110 H	JR2DWS
02240543	VK4TEL	50.129 S	JA7WSI	03040515	VK4RIK	52.445 B	JE2DWS	03180948	VK4DO	50.110 H	JR2DWS
02240544	VK4QPS	50.140 S	J11WMI	03040517	VK4RIK/B	52.445 B	JR2HCB	03190334	VK4WTH	50.110 H	JR2DWS
02240545	VK4QPS	50.140 S	JH1WHS	03040521	VK4DB	50.100 C	JR2HCB	03190347	VK4KK	50.110 H	JR2DWS
02240547	VK4BRG/B	50.077 B	JA7WSI	03050339	VK4DV	50.110 S	JA7WSI	03190400	VK4BRG	50.077 B	JR2DWS
02240540	VK4DMI	50.150 S	JH1WHS	03050349	VK4DV	50.130 S	JE2DWS	03190422	VK4ABP	52.3465 B	JR2DWS
02240544	VK4KHQ	50.110 S	JA7WSI	03050400	VK4DV	50.130 S	JE2KBY	03190427	VK4 ch0	51.672 F	JR2DWS
02240547	VK4KHQ	50.170 S	JH1WHS	03050410	VK4DO	50.110 H	JE2DWS	03190547	VK4DO	50.110 H	JR2DWS
02240547	VK4VU	50.109 S	JE2KDN	03050410	VK4DO	50.110 S	JR2HCB	03190940	VK4APL	50.170 S	JASCMO
02240548	VK4VU	50.108 S	JA7WSI	03050420	VK4/VK2FE	50.096 C	JE2KBY	03190941	VK4APL	50.109 H	JR2DWS
02240540	VK4ABP	52.3465 B	JH1WHS	03050421	VK4BRG/B	50.077 B	JE2KBY	03191019	VK4RIK	52.445 B	JR2DWS
02240540	VK4KHQ	52.170 S	JH1WHS	03050426	VK4/VK2FE	50.095 H	JH4JPO	03200503	VK4ABP	52.3465 B	JR2DWS
02240548	VK4DO	50.105 C	JA7WSI	03050426	VK4WTH	50.110 H	JE2DWS	03200607	VK4LE	50.110 H	JR2DWS
02240548	VK4VU	50.120 S	JH1WHS	03050427	VK4WTH	50.110 S	JR2HCB	03200620	VK4DO	50.110 H	JR2DWS
02240550	VK4TEL	50.130 S	J11WMI	03050428	VK4DO	50.110 S	JR2HCB	03200701	VK4DUG	50.110 H	JR2DWS
02240552	VK4KR	50.149 S	JH1WHS	03050432	VK4DO	50.150 H	JH4JPO	03201013	VK4FP	50.110 H	JR2DWS
02240552	VK4/VK2FE	50.096 C	JH1WHS	03050438	VK4CWJ	50.109 H	JH4JPO	03201017	VK4FP	50.110 H	JASCMO
02240558	VK4/VK2FE	50.097 C	JA7WSI	03050437	VK4CWJ	50.110 S	JR2HCB	03210036	VK4 ch0	46.172 V	JALVOK
02260416	VK4 ch0	46.172 V	JE2DWS	03050440	VK4BRG/B	50.150 S	JE2DWS	03210508	VK4DO	50.130 H	JALVOK
02260417	VK4 ch0	51.672 F	JE2DWS	03050440	VK4ABP	50.077 B	JA7WSI	03210558	VK4HT	50.120 H	JALVOK
02260433	VK4KK	50.109 C	JR2HCB	03050440	VK4BRG	52.3465 B	JE2DWS	03211030	VK4 ch0	46.172 V	JALVOK
02260434	VK4/VK2FE	50.096 H	JE2DWS	03050441	VK4BRG	50.077 B	JE2DWS	03211047	VK4RIK 569 FSK	52.445 B	JALVOK
02260436	VK4QPS	50.110 H	JE2DWS	03050442	VK4BRG	50.075 B	JH4JPO	03211050	VK4RIK	52.445 B	JASCMO
02260437	VK4BLK	50.110 H	JE2DWS	03050446	VK4CWJ	50.150 S	JA7WSI	03220300	VK4 ch0	46.172 V	JALVOK
02260439	VK4BLK	50.110 S	JR2HCB	03050447	VK4ABP/B	52.347 B	JR2HCB	03220323	VK4 ch0	51.672 F	JALVOK
02260445	VK4ABP	50.110 S	JE2DWS	03050453	VK4DMI	50.130 S	JA7WSI	03220326	VK4QPS	50.160 S	JALVOK
02260445	VK4BRG	52.3465 B	JE2DWS	03050453	VK4DMI	50.130 S	JR2HCB	03220339	VK4ABP	52.3465 B	JALVOK
02260445	VK4BRG/B	50.077 B	JE2DWS	03050454	VK4/VK2FE	50.120 C	JR2HCB	03220341	VK4YR	50.145 S	JH1WHS
02260456	VK4QPS	50.110 S	JR2HCB	03050500	VK4RGV	50.058 B	JA7WSI	03220342	VK4/VK2FE	50.098 C	JALVOK
02260500	VK4DO	50.110 S	JR2HCB	03050501	VK4ABP	52.346 B	JA7WSI	03220410	VK4APG	50.185 S	JH1WHS
02260505	VK4DO	50.135 H	JE2DWS	03050502	VK4FHO	50.130 S	JR2HCB	03221000	VK4 ch0	46.172 V	JALVOK
02260508	VK4DO	50.130 S	J11WMI	03050503	VK4DB	50.111 C	JR2HCB	03221050	VK4RIK	52.445 B	JALVOK
02270321	VK4 ch0	46.172 V	JE2DWS	03050504	VK4FHO	50.130 H	JH4JPO	03221054	VK4RIK	52.445 B	JH1WHS
02270426	VK4QPS & H 0504	50.150 S	JE2DWS	03050507	VK4FHO	50.130 S	JA7WSI	03221114	VK4TL	50.130 S	JH1WHS
02270430	VK4KK	50.110 S	JE2DWS	03050509	VK4DB	50.110 S	JH4JPO	03221148	VK4TL	50.110 S	JALVOK
02270445	VK4KK	50.175 S	JH1WHS	03050510	VK4DB	50.110 C	JA7WSI	03221253	VK4TL	50.110 S	J76CCU
02270500	VK4BRG/B	50.077 B	JR2HCB	03050512	VK4/VK2FE	50.101 C	JA7WSI	03221255	VK4TL	50.110 S	JR6VSP
02270530	VK4/VK2FE	50.095 C	JR2HCB	03050522	VK4ABW	50.130 S	JR2HCB	03230441	VK4ABW	50.150 S	JH1WHS
02270532	VK4 ch0	51.672 F	JE2DWS	03050523	VK4ABW	50.130 H	JH4JPO	03230501	VK4APL	50.110 S	JH1WHS
02270532	VK4ABP	52.3465 B	JE2DWS	03050524	VK4DUG	50.120 S	JA7WSI	03261025	VK4RIK > QM05 FSK	52.445 B	JALVOK
02270532	VK4BKS	50.150 S	JR2HCB	03050524	VK4DUG	50.130 S	JR2HCB				
02270545	VK4CEU	50.101 C	JR2HCB	03050529	VK4ABW	50.130 S	JA7WSI				
02270547	VK4VU	50.135 H	JE2DWS	03050530	VK4DUG	50.110 H	JE2DWS				
02270558	VK4BRG	50.077 B	JE2DWS	03050658	VK4GPS	50.111 C	JR2HCB				
02270605	VK4QPS	50.160 S	JH1WHS	03050700	VK4GPS	50.111 C	JR2HCB				
02270606	VK4QPS	50.105 C	JR2HCB	03050712	VK4DUG	50.110 H	JE2DWS				
02270609	VK4DMI	50.160 S	JR2HCB	03060509	VK4BRG	50.077 B	JE2DWS				
02270630	VK4DB	50.160 S	JH1WHS	03060511	VK4DV	50.134 H	JE2DWS				
02270640	VK4BLK	50.135 S	JH1WHS	03060547	VK4DO	50.110 H	JE2DWS				
02270642	VK4BLK	50.135 H	JE2DWS	03070309	VK4 ch0	46.172 V	JALVOK				
02270647	VK4/VK2FE	50.095 H	JE2DWS	03070350	VK4GPS	50.110 H	JALVOK				
02270651	VK4KR	50.150 S	J11WMI	03070355	VK4APL	50.110 H	JALVOK				
02270657	VK4KR	50.150 H	JE2DWS	03070356	VK4DO	50.110 S	JR2HCB				
02280308	VK4 ch0	46.172 V	JE2DWS	03070405	VK4ABP/p FSK	52.347 H	JALVOK				
02280339	VK4 ch0	46.172 V	JALVOK	03070411	VK4DO	50.090 C	JR2HCB				
02280516	VK4DB	50.095 S	JE2KBY	03070418	VK4APG	50.180 S	JR2HCB				
02280520	VK4DO	50.095 C	JE2KBY	03070434	VK4DO	50.125 H	JALVOK				
03010310	VK4 ch0	46.172 V	JALVOK	03070445	VK4ABP/B	52.347 B	JR2HCB				
03010325	VK4RGV/B	50.057 B	JA8GSI	03070445	VK4BRG/B	50.077 B	JR2HCB				
03010335	VK4QPS	50.110 S	JA8GSI	03070445	VK4RAS/B	50.047 B	JR2HCB				
03010335	VK4LR	50.120 S	JALVOK	03070450	VK4ABW	50.140 S	JR2HCB				
03010340	VK4QPS	50.150 S	JA3/4	03070459	VK4GPS	50.105 C	JR2HCB				
03010341	VK4DLK	50.135 S	JA8GSI	03070500	VK4 ch0 S9+	51.912/51.672 F	JALVOK				
03010344	VK4BLK	50.135 S	JALVOK	03070500	VK4TEL	50.135 S	JR2HCB				
03010345	VK4BRG/B	50.077 B	JA8GSI	03070506	VK4TEL	50.135 H	JALVOK				
03010346	VK4BRG/B	50.077 B	JA8GSI	03070517	VK4DUG	50.160 S	JALVOK				
03010347	VK4KL	50.155 S	JR2HCB	03090450	VK4DMI	50.110 S	JR2HCB				
03010348	VK4/VK2FE	50.096 C	JE2KBY	03100335	VK4APL	50.160 S	JR2HCB				
03010348	VK4RGV/B	50.058 B	JE2KBY	03100350	VK4CWJ	50.125 S	JR2HCB				
03010349	VK4DO	50.145 S	JE2KBY	03100405	VK4DO	50.110 S	JR2HCB				
03010350	VK4BLK	50.140 S	JE2KBY	03100413	VK4APL	50.110 H	JE2DWS				
03010351	VK4TQ	50.116 S	JE2KBY	03110315	VK4APG	50.180 S	JA8RC				
03010353	VK4WTH	50.155 S	JA8GSI	03110322	VK4WTH	50.180 S	JA8RC				
03010357	VK4BRG	50.077 B	JALVOK	03110326	VK4TEL	50.160 S	JA8RC				
03010359	VK4SIX	50.110 S	JA4	03110336	VK4GPS	50.140 S	JA8RC				
03010400	VK4WTH	50.135 S	JR2HCB	03110343	VK4BRG	50.077 B	JA8RC				
03010402	VK4DO	50.145 S	JH3DMQ	03110348	VK4DO 59 240	50.110 S	KH7R				
03010408	VK4KGP	50.190 S	JR2HCB	03110350	VK4VU	50.160 S	JA8RC				
03010418	VK4BRG/B	50.077 B	JA7WSI	03120436	VK4KK	50.110 H	JE2DWS				
03010418	VK4QPS	50.103 S	JA7WSI	03120445	VK4 ch0	51.672 F	JE2DWS				
03010419	VK4DO	50.145 S	JA7WSI	03120452	VK4APL	50.110 H	JE2DWS				
03010419	VK4RGV/B	50.058 B	JA7WSI	03120503	VK4KK	50.155 S	JE2DWS				
03010420	VK4DB	50.135 S	JH17GN	03120510	VK4ABP	52.3465 B	JE2DWS				
03010421	VK4KMA	50.165 S	JA7WSI	03120525	VK4DO	50.110 H	JE2DWS				
03010422	VK4KK	50.120 S	JA8GSI	03120545	VK4YMC	50.110 H	JE2DWS				
03010428	VK4KK	50.120 S	JA7WSI	03130427	VK4BRG	50.077 B	JE2DWS				
03010428	VK4SIX	50.175 S	JA7KHQ	03130429	VK4KK	50.110 H	JE2DWS				

02271300 VK8MS 50.110 H JH6VXP
02280415 VK8RAS 50.045 B JH0HME
02280452 VK8RAS/B 50.047 B JE2XBY
03010344 VK8RAS/B 50.047 B JE2XBY
03010346 VK8RAS/B 50.047 B JA8GS
03010358 VK8RAS 50.045 B JA1VOK
03010439 VK8GF 50.147 S JA7WS
03010441 VK8GF 50.148 S JA8GS
03010443 VK8GF 50.148 S JA7KHQ
03010447 VK8RAS/B PG66 50.047 B JA7KHQ
03010500 VK8GF 50.148 S JR2HCB
03030457 VK8RAS/B 50.047 B JR2HCB
03040505 VK8RAS 50.045 B JH6VXP
03040505 VK8RAS/B 50.047 B JR2HCB
03050440 VK8RAS 50.045 B JE2DWE
03050500 VK8RAS/B 50.047 B JR2HCB
03070454 VK8RAS 50.045 B JA1VOK
03070545 VK8RAS 50.045 B JA5CMO
03091150 VK8VF 50.057 B JA5CMO
03091308 VK8MS 50.110 S JR6VSP
03091312 VK8PN 50.110 S JR6VSP
03091315 VK8PN >PL36 50.110 S JR6HI
03120440 VK8RAS 50.045 B JE2DWE
03130511 VK8RAS 50.045 B JE2DWE
03130530 VK8RAS 50.045 B JA5CMO
03140440 VK8RAS 50.045 B JA1VOK
03140545 VK8RAS 50.045 B JE2DWE
03141230 VK8VF >PL36 50.057 B J76CCU
03141435 VK8VF 50.057 B JR6VSP
03161130 VK8VF 50.057 B JA6TEW
03161130 VK8VF 50.057 B JR6VSP
03161140 VK8VF 50.057 B JA1VOK
03161140 VK8VF 50.057 B JE2DWE
03161144 VK8KTC (PH86) 50.110 S JA6TEW
03161202 VK8KTC 50.110 S JH4JPO
03161204 VK8KTC 50.110 S JA5CMO
03161205 VK8GF 50.110 S JR6VSP
03161210 VK8KTC 50.110 S JR6VSP
03161333 VK8PN 50.110 S JR6VSP
03161344 VK8PN 50.110 H JA1VOK
03171145 VK8RAS 50.150 S JA5CMO
03180659 VK8RAS 50.045 B JH4JPO
03181210 VK8PN 50.110 H JE2DWE
03191025 VK8KTC 50.110 H JA5CMO
03191030 VK8RAS 50.045 B JA5CMO
03191130 VK8PN 50.120 S JE2DWE
03191135 VK8PN 50.120 H JA5CMO
03191216 VK8MS 50.110 H JE2DWE
03191220 VK8MS 50.145 H JA5CMO
03191220 VK8MS 50.145 H JR6VSP
03191220 VK8PN 50.145 H JR6VSP
03191310 VK8MS 50.140 S JA9BHE
03200503 VK8RAS 50.045 B JE2DWE
03210132 VK8MS 50.110 S JR6VSP
03211047 VK8KTC 200* 50.110 S JA1VOK
03211047 VK8KTC PH86 TEP 46-7 50.110 S JA1VOK
03211047 VK8PN 59 > QM05 H JA1VOK
03211051 VK8KTC 50.110 S JA3JTG
03220320 VK8RAS 50.045 B JA1VOK
03220322 VK8RAS 50.045 B JH1WHS
03220605 VK8RAS 50.045 B JA1VOK
03221016 VK8RAS 50.045 B JA1VOK
03221030 VK8RAS 50.045 B JE2DWE
03221051 VK8PN 50.110 H JE2DWE
03221101 VK8MS 50.110 H JE2DWE
03221111 VK8MS 50.140 S JH1WHS
03221113 VK8MS 50.140 S JA1VOK
03221121 VK8KTC 50.110 S JH1WHS
03231220 VK8PN 50.110 H JA5CMO
03231228 VK8PN >OL72 50.120 S VR98XMT
03261235 VK8RH > PM64 52.200 B JA1VOK

BELAU

03120905 T88IY 50.110 S JE2DWE
03170525 T88IY 50.110 H JJ3WXG
03170532 T88IY 50.110 S JA9BHE
03170532 T88IY 50.110 S JH1WHS
03220310 T88IY 50.110 H JA1VOK
03221313 T88IY >OL72 50.110 S VR2LCL
03231313 T88IY >OL72 50.110 S VR2XMT

Hawaiian Is.

02280810 KH0W 2 HI Honolulu >1030 V EK1AA
03040920 KH0W 2 HI -0956 55.260 V EK1AA
03051030 KH0W 2 HI -1243 CD 55.260 V EK1AA
03051410 KH0W 2 HI -1640 55.260 V EK1AA
03061036 KH0W 2 HI WK -1136 55.260 V EK1AA
03061432 KH0W 2 HI -1532 55.260 V EK1AA
03090820 KH0W 2 HI -1537 X CD V EK1AA
0310 KH0W, CH 3,4,HILO V EK1AA
03190850 KH0W 2 HI WK -1045 55.260 V EK1AA
03201025 KH0W 2 HI -1140 55.260 V EK1AA
03210710 KH0W 2 HI -1120 55.260 V EK1AA
03220900 KH0W 2 HI -1300 55.260 V EK1AA
03220925 KHBC 2 HI Hilo 55.250 V EK1AA
03220925 KGMV 3 HI Wailuku 61.250 V EK1AA
03220925 KITV 4 HI Honolulu 67.240 V EK1AA
03220925 KFVE 5 HI Honolulu 77.250 V EK1AA
03220925 KH6HME HI B EK1AA
03230552 KH0W 2 HI -1142 55.260 V EK1AA
03230800 KH6HME HI B 302CM
03230745 KH0W 2 HI 55.260 V 302CM
03250835 KH0W 2 HI WK -0905 55.260 V EK1AA
03270730 KH0W 2 HI WK -0805 55.260 V EK1AA
03280300 KH0W? 2 HI STRONG -0500 V EK1AA

INDONESIA

03110914 YBOZE 50.042 B JH6VXP
03201521 YCOUVO 50.110 S JR6VSP
03211457 YCOUVO 50.110 S JA6GGG
03231235 YCOUVO 50.110 S J76CCU
03241420 YCOHDI > PL36 50.100 S JR6VSP
03241421 YCOHDI > PL36 50.100 S JR6HI
03241423 YBOFEX > PL36 50.100 S JR6VSP
03241427 YBOFEX > PL36 50.100 S JR6HI

MARSHALL IS.

02200530 V73AT SSB @ 0532
03050857 V73AT
03070522 V73AT
03070523 V73AT
03070602 V73AT
03210642 V73AT
03211202 V73AT
03211203 V73AT

Minami-Tori Shima

01020832 J01BIY(JD1-M)
01020940 J01BIY(JD1-M)
01040513 J01BIY(JD1-M)

NEW CALEDONIA

02270530 FK1TK 50.110 S JA1-7
02270535 FK1TK 50.110 S JE2KDN
02270558 FK1TK 50.130 H JE2DWE
03010400 FK1TK 50.130 S JA8GS
03010400 FK1TK (RG37) 50.110 S JA1VOK
03010402 FK1TK >QM09 50.130 S JK7IKU
03010407 FK1TK 50.130 S JE2XBY
03010417 FK1TK 50.130 S JA7NS
03010420 FK1TK >PM53 50.130 H JA6TEW
03010421 FK1TK RG37 50.130 S JH3DMQ
03010431 FK1TK RG37 50.130 S JA7KHQ
03010445 FK1TK 50.130 H JA1VOK
03030515 FK1TK 50.120 S JR2HCB
03030528 FK1TK RG37 50.120 S J11WMI
03030530 FK1TK RG37 50.120 S JR2NET

NEW ZEALAND

01030234 ZL2TPY 50.110 S JR2HCB
01140442 ZL3TY SSB @ 0510 50.110 C JR2HCB
02132200 EL-TV S1-3-2400 45.24/45.26 V K6QY
02152119 EL-TV WEAK -2130>CM88 45.25 V K6QY
02170445 ZL3TY 50.1 S JA5GWN/4
02170455 ZL3TY 50.110 C JR2HCB
02180345 EL chl >PM63 45.25 V JA5CMO
02182230 EL-TV WEAK > CM88 45.25 V K6QY
02190035 EL-TV-0100 STROMG 45.24/25 V K6QY
02220554 EL chl 45.24 @ 0747 45.25 V JE2DWE
02240420 EL chl 45.26 V JA1VOK
03010300 EL-TV 45.26 V JA8GS
03010325 EL chl 45.25/45.26 V JA1VOK
03050731 EL2AGI 50.110 H JE2DWE
03050735 EL2AGI 50.110 S JR2HCB
03050741 EL2RT 50.110 S JR2HCB
03102214 EL-TV S9-2240 45.24/25/26 V W5JHV
03130456 EL chl 45.26 V JA2DWE
03142359 EL chl 45.24/45.25/45.26 V JE2DWE
03160310 EL chl 45.24/45.26 V JE2DWE
03170422 ZL2TPY 50.107 S JA9BHE
03170427 ZL2TPY 50.110 S JH1WHS
03170438 ZL4AAA 50.110 C JH4JPO
03170445 ZL2AGI >PM74 50.110 H JJ3WXG
03170445 ZL3BE 50.110 H JJ3WXG
03170448 ZL3BE 50.110 C JH4JPO
03231930 EL VIDEO > DM62 45.2XX V W5JHV
03232300 EL VIDEO > CM85 45.24/45.25 V K7RWT

PAPUA/NEW GUINEA

03251050 P29 -1106 50.110 H VK3SIX
03251053 P29KFS 50.110 S JH1WHS
03251156 P29KFS 50.110 S J76CCU
03251158 P29KFS > OL72 50.110 S VR2LC
03251200 P29KFS > OL72 50.110 S VR2XMT
03251218 P29KFS > PL36 50.115 S JR6VSP

PHILLIPINES

03091200 DU chl 89+ 55.25 V JA5CMO
03091217 DU7/N7ET 50.110 S JA5CMO
03091230 DU7/N7ET >PL36 50.110 S JR6QW
03091350 DU chl 55.25 V JE2DWE
03241247 DU7/N7ET 50.110 H JA1VOK
03251343 DU7/N7ET 50.110 S JA6TEW
03251355 DU7/N7ET > OL72 50.110 S VR2IL
03251400 DU7/N7ET > PL36 50.110 S JR6VSP

SABAH

02200910 9M6 chl 48.240 V JA5CMO
02230920 9M6 chl 48.240 V JA5CMO
02280400 9M6 chl 48.240 V JA1VOK
03091155 9M6 chl 89+ 53.74 F JA6VXP
03110726 9M6AG 50.110 S JH6VXP
03140603 9M6NA 50.105 H JE2DWE
03140616 9M6NA 50.103 C JA1VOK
03140640 9M6AG 50.110 S JE2DWE
03140640 9M6NA >PM86 50.103 C JA9SSB
03140641 9M6AG 50.110 S JA9SSB
03140642 9M6AG 50.110 S JA1VOK
03140643 9M6AG 50.103 C JA3JTG
03220500 9M6 chl 89+ 53.74 F JA1VOK

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ARGENTINA

01161751 LU1VK 59 FRANCISCES 50.110 LW5EJU
01161758 LU3YA 53 HECTOR 50.110 LW5EJU
01161802 LU3YYZ 59+GUSTAVO 51.500 F LW5EJU
01161900 LU8UYO 53 50.033 B LW5EJU
01161906 LU5JAU 55 DANIEL TR 50.110 LW5EJU
01172218 LU1VK 53 FRANCISCES 50.110 LW5EJU
01181550 LU9AEA/X 51 JORGE 50.110 LW5EJU
01182253 LU9AEA/X 57 JORGE 50.110 LW5EJU
02040128 LU9EHF/B S1/2 B HP3XUG
02050237 LU9EHF/B S0/1 B HP3XUG
02070107 LU9EHF/B S3/5 B HP3XUG
02090156 LU9EHF/B S0 -0239 B HP3XUG

02160210 LU9EHF/B S0/1 B HP3XUG
02200213 LU9EHF/B S0/1 B HP3XUG
02210152 LU9EHF/B S0/1 B HP3XUG
02230204 LU9EHF/B S1/2 B HP3XUG
02240238 LU9EHF/B S1/2 B HP3XUG
03032126 LW2DSS 59+ 50.110 W WP40
03032145 LW1DZB 57 W WP40
03032145+LU6DQV 57 DANIEL 50.125 W WP40
03032256 LU6DRV > FK68 WP40
03032310 LW2DSS > FK68 WP40
03052205 LW8EWD W WP40
03052209 LU6DTH W WP40
03052214 LU3EMK W WP40
03060001 LU TE WP40
03060249 LU9EHF/B S0/1 B HP3XUG
03070324 LU9EHF/B S0 B HP3XUG
03080400 LU9EHF/B S0/1 B HP3XUG
03082132 LU3EMK > FK68 W WP40
03082146 LUIDVT > FK68 W WP40
03082318 LW5EJU > FK68 W WP40
03092130+LU2EQU, LUIDZB, LUIDVT, LUGDTN WP40
03092130+LW5EJU, LU6DRV > FK68 WP40
03092130+LW5EJU, LU1VK > FK68 WP40
03112005 LU6DTH 59+20 50.110 S WP40
03112012 LU6DPG > FK68 50.110 S WP40
03120031 LUe S1/2 50.110 H HP3XUG
03120033 LU8EWD 549/599 GF05 50.1104 C HP3XUG
03132150 LU -2300 > EK88 W WLP/MM
03142330 LU -2350 > EK94 W WLP/MM
03152035 LU9AEA/MM RIO LA PLATA S WP40
03152038 LU6DRV > FK68 S WP40
03152039 LU7VD PATAGONIA > FK68 S WP40
03162045 LU WP40
03172350+LU 59 < 0015 > FK68 W WP40
03182350 LU -(19)0050 > EK51 W WLP/MM
03192145 LU -(20)0230 > EK35, EK25 W WLP/MM
02202044 LW5EJU S1/2 50.110 S HP3XUG
03222124 LU S5 QSOING XE 50.115 H HP3XUG
03222141 LU2EQG 53/55 GF05 50.135 S HP3XUG
03222250 LU -(23)0015 > EK06, DK96 W WLP/MM
03230003 LU9EHF/B S0 wk B HP3XUG
03230035 LU9EHF/B S1/3 -0322 B HP3XUG
03230043 LU1C1 55/58 55 GG22 50.105 S HP3XUG
03230101 LU1MAF 55/57 FF57 50.105 S HP3XUG
03230135 LU9EHF 59/59 FF95 50.105 S HP3XUG
03230139 LU9MA 55/59 FF56 50.105 S HP3XUG
03230154 LW4ETR 55/54 GF05 BA 50.105 S HP3XUG
03240107 LU9EHF/B S0/1 B HP3XUG
03240140 LU9EHF/B S1/2 -0404 B HP3XUG
03240140 LUe SSB S1 50.110 H HP3XUG
03250126 LU8EGB SSB S2/3 CQing .110 H HP3XUG
03250129 LU8EGB 53/55 57 GF05 50.105 S HP3XUG
03250236 LU9EHF/B S1/3 -0319 B HP3XUG
03250319 LU9EHF/B S0/1 B HP3XUG
03270004 LU9EHF/B S2/4 B HP3XUG
03270213 LU9EHF WKG TI4 59 50.110 H HP3XUG
03272200-LU TEP W WP40
03292100-LU W6KV/5

BRAZIL

12281743 PU2MHL 59 MARCIO 50.110 LW5EJU
12312346 PY2XB 539/539 GG66 50.1108 C HP3XUG
12312354 PY1AA/B S0/1 & S0 @ 2343 B HP3XUG
1312354 PY2SFY/B S0 wk B HP3XUG
01010008 PY2AA/B S0/1 -0055 B HP3XUG
01010008 PY2SFY/B S0 -0055 B HP3XUG
01020019 PY2AA/B S0 H1 QRN B HP3XUG
01020024 PY5CC -1105 SSB S0 50.1005 C HP3XUG
01040218 PY2AA/B S0 B HP3XUG
01040218 PY2SFY/B S0 wk B HP3XUG
01041448 PU2MHL 59+MARCIO 50.110 LW5EJU
01041808 PY2XB 51 FRED 50.110 LW5EJU
01041811 PU2MHL 52 MARCIO 50.110 LW5EJU
01041816 PY2AA 52 50.059 B LW5EJU
01041836 PY2WBC 55 ANDERSONE 50.120 LW5EJU
01060014 PY2AA/B S0 B HP3XUG
01060247 PY2AA/B S0 wk B HP3XUG
01080214 PY2SFY/B S0 wk (nil @ 0134) B HP3XUG
01142103 PY2ANE 55 ORLANDO 50.130 LW5EJU
01142115 PY2SFY 52 50.010 B LW5EJU
01142138 PY5CC 53 PETER 50.110 LW5EJU
01142155 PY3MF 59 MOACID 50.120 LW5EJU
01151943 PY2DNR 57 MAURO 50.110 LW5EJU
01151954 PY2MRM 57 MARCOS 50.120 LW5EJU
01161559 PY2DNR 55 MAURO 50.110 LW5EJU
01161904 PU2MNU 52 50.110 LW5EJU
01161926 PY2SFY 53 50.010 B LW5EJU
01170020 PY2DP 55 JOSE 50.110 LW5EJU
01170035 PY5CC 59 PETER 50.105 LW5EJU
01171835 PY2DNR 59 SSVT MAURE 50.650 LW5EJU
01172156 PY2XB 52 FRED 50.110 LW5EJU
01242021 PY2DNR 59 MAURO 50.120 LW5EJU
01242042 PY2XB 59 FRED 50.120 LW5EJU
01272054 PY2EYE 59 WILSON 50.110 LW5EJU
02031845 PY2DNR 59+MAURO 50.110 LW5EJU
02031914 PY2WBC 59 ANDERSONE 50.110 LW5EJU
02031917 PY2AA 59 50.059 B LW5EJU
02040043 PY2AA/B S0/1, S1 0128 B HP3XUG
02040043 PY2SFY/B S0 -0128 B HP3XUG
02040316 PY2AA/B S0 wk B HP3XUG
02050143 PY2SSB 55/44 GG57RR 50.105 S HP3XUG
02050237 PY2AA/B S0/1 B HP3XUG
02050237 PY2SFY/B S0 wk B HP3XUG
02060125 PY2AA/B S0 B HP3XUG
02060125 PY2SFY/B S0 wk B HP3XUG
02070027 PY2AA/B S0 -0253 B HP3XUG
02070027 PY2SFY/B S0 -0233 B HP3XUG
02070107 PLIC G999uq 3W S1 50.0798 B HP3XUG
02070107 PY1AA/B S0 -0233 vy wk B HP3XUG
02080225 PY2AA/B S0 -0253 B HP3XUG
02090017 PY2AA/B S0 vy wk -0049 B HP3XUG
02090017 PY2SFY/B S0 -0049 B HP3XUG
02130047 PY2AA/B S1/2 -0151 B HP3XUG
02130047 PY2SFY/B S0/1 B HP3XUG
02160210 PY2AA/B S0/1 B HP3XUG
02160210 PY2SFY/B S0 B HP3XUG

02200026 PY2AA/B S3/4 B HP3XUG
 02200026 PY2SFY/B S0 B HP3XUG
 02200101 PY1AA/B S1/2 B HP3XUG
 02200101 PY2AA/B S3/4 -0213 B HP3XUG
 02200101 PY2SFY/B S1/2 -0213 B HP3XUG
 02200101 PY5SC S5/6 >0213 50.110 S HP3XUG
 02210100 PY1AA/B S0/1 -0140 B HP3XUG
 02210100 PY2SFY/B S0/1 -0152 B HP3XUG
 02210140 PY2AA/B S2/3 -0152 B HP3XUG
 02220141 PY2AA/B S2/3 B HP3XUG
 02220141 PY2SFY/B S0 B HP3XUG
 02230028 PY1AA/B S0/1 -0204 B HP3XUG
 02230028 PY2AA/B S2/3 -0204 B HP3XUG
 02230028 PY2SFY/B S0/1 -0204 B HP3XUG
 02230130 PP2ROW 57 50.0745 S HP3XUG
 02230241 PY2DP 57/59 GG66RF 50.105 S HP3XUG
 02240238 PY1AA/B S0 vy wk B HP3XUG
 02240238 PY2AA/B S1/2 B HP3XUG
 02240238 PY2SFY/B S0/1 B HP3XUG
 02260045 PY2AA/B S2/3 B HP3XUG
 02260045 PY2SFY/B S0/1 B HP3XUG
 02282347 PY2AA/B S0 B HP3XUG
 02282347 PY2SFY/B S0 B HP3XUG
 03010052 PY1AA/B S0 B HP3XUG
 03010052 PY2AA/B S0/1 B HP3XUG
 03010052 PY2SFY/B S0/1 B HP3XUG
 03012350 PY -0014 TE W WP40
 03022200+PY5CC 59 >2230 50.110 W CT4KQ
 03030040 PY5CC 50.110 W WP40
 03067777 PY5CC 59 W WP40
 03060001 PY TE W WP40
 03060249 PY2AA/B S1/2 B HP3XUG
 03060249 PY2SFY/B S0/1 B HP3XUG
 03070324 PY2AA/B S0 B HP3XUG
 03072350 PY1AA/B S0/1 -(08)0027 B HP3XUG
 03072350 PY2AA/B S2/3 -(08)0400 B HP3XUG
 03072350 PY2SFY/B S0/1 -(08)0027 B HP3XUG
 03090000 PY1AA/B S0 vy wk B HP3XUG
 03090000 PY2SFY/B S0 vy wk unkeyed? B HP3XUG
 03090230 PY2AA/B S0 B HP3XUG
 03090230 PY2SFY/B S0 vy wk unkeyed? B HP3XUG
 03092306 PY5CC RAGCHEWING 50.110 H EH7KW
 03101920 PY1AA 349 > IM67XI 50.052 B EH7KW
 03101920 PY2AA 379 > IM67XI 50.060 B EH7KW
 03101946 PY2SFY 349 GG77GA 50.010 B EH7KW
 03102238 PY5CC 559 > IM60BP 50.110 W CT4KQ
 03120031 PY2AA/B S1/2 B HP3XUG
 03120047 PU3WPA 55/55 GF49 50.105 S HP3XUG
 03120050 PY5CC 59/59 GG54 50.105 S HP3XUG
 03120058 PY3OR 54/56 55 GG40 50.105 S HP3XUG
 03120124 PY2DP 54/57 59 GG66 50.105 S HP3XUG
 03130250 PP1CE/B S1/2 B HP3XUG
 03130250 PY2AA/B S0/1 B HP3XUG
 03141919 PY5CC 59+30 50.110 S EH7AH
 03142243 PY2AA/B S2/5 early 50.110 C HP3XUG
 03142245 PY2DNR 559/599 GG76 50.110 C HP3XUG
 03172315 PP1CE/B S0/1 B HP3XUG
 03182138 PY3OR S2/3 50.120 S HP3XUG
 03182139 PY3OR 53/53 Canoas 50.120 S HP3XUG
 03182218 PU3WPA 54/57 57 GF49 50.105 S HP3XUG
 03182311 PY1AA/B S0/1 B HP3XUG
 03182314 PP1CE 53/57 56 GG99 50.1135 S HP3XUG
 03182350 PY -(19)0050 > EK51 W WILP/HM
 03192145 PY -(20)0230 > EK35, EK25 W WILP/HM
 03210127 PY1AA/B S0/1 B HP3XUG
 03210127 PY2AA/B S0 wk B HP3XUG
 03212320 PULKOR 53/59 GG87IC 50.111 S HP3XUG
 03212342 PY5CC 50.110 S JR6VSP
 03222144 PY3BAM 54/59 57/58 50.135 S HP3XUG
 03230003 PY1AA/B S1/3 -0204 B HP3XUG
 03230003 PY2AA/B S4/8 -0322 B HP3XUG
 03230003 PY2XB 599 Cqing 50.103 B HP3XUG
 03230035 PP1CE/B S4/7 -0204 B HP3XUG
 03230035 PY2VA SSB S3/5 Cqing 50.110 H HP3XUG
 03230035 PY5JD 59 H HP3XUG
 03230058 PP5JD 58/59 GG52 50.105 S HP3XUG
 03230105 PY3PT 57/58 Canoas 50.105 S HP3XUG
 03230106 PP2ROW 53-9/55 Ron 50.105 S HP3XUG
 03230110 PY1SL 56/57 GG87 50.105 S HP3XUG
 03230114 PY2DP 59/59 GG66 50.105 S HP3XUG
 03230119 PY2IAX 42/57 GG68 50.105 S HP3XUG
 03230125 PY2SSB 55/55 GG57 50.105 S HP3XUG
 03230128 PY2PA 54/59 GG66 50.105 S HP3XUG
 03230151 PY2EAT 53/53 Sao Paulo 50.105 S HP3XUG
 03230204 PY5CC Cqing S7/8 50.110 H HP3XUG
 03230247 PY2AA 50.059 B 7J6CCU
 03230252 PY2WBS 50.110 S 7J6CCU
 03230329 PY2PA 50.110 S 7J6CCU
 03240027 PY1AA/B S1/3 B HP3XUG
 03240031 PP1CE 569/559 Leo 50.1104 C HP3XUG
 03240140 PP1CE CW Cqing 579 50.110 H HP3XUG
 03270040 PP4ML? S3/4 fltr 50.110 H HP3XUG

02220141 CX1CCC/B S0 wk B HP3XUG
 02230204 CX1CCC/B S1/2 B HP3XUG
 02230211 CX3AM 579/599 GF15 50.111 W HP3XUG
 02230233 CX2AM 54/59 GF15 Gus 50.105 S HP3XUG
 02240238 CX1CCC/B S1/2 B HP3XUG
 03032250 CX7B7 > FK68 W WP40
 03032251 CX8BV > FK68 W WP40
 03032310 CX3AM > FK68 W WP40
 03032310 CX4ACH > FK68 W WP40
 03032315 CX1CCC > FK68 W WP40
 03052210 CX9DX W WP40
 03052216 CX4ACH W WP40
 03060001 CX TE W WP40
 03060249 CX1CCC/B S0/1 B HP3XUG
 03080400 CX1CCC/B S0/1 B HP3XUG
 03082127 CX7BBR/M > FK68 W WP40
 03082135 CX9DX > FK68 W WP40
 03082143 CX1AO > FK68 W WP40
 03092130 CX4ACH, CX9DX, CX9AF W WP40
 03112018 CX1AO > FK68 50.110 S HP3XUG
 03112018 CX4BBT 50.110 S HP3XUG
 03120031 CX1CCC/B S3/4 B HP3XUG
 03120044 CX1AO 54/57 59 GF15 50.105 S HP3XUG
 03132150 CX -2300 > EK88 W WILP/HM
 03142330 CX -2350 > EK94 W WILP/HM
 03152038 CX1AO W WP40
 03162045 CX > FK68 W WP40
 03182138 CX S0/1 50.110 H HP3XUG
 03182146 CX3HI 42/59 Hector 50.105 S HP3XUG
 03182152 CX9DX 53/59 Fermin 50.105 S HP3XUG
 03182159 CX8BR 53/55 55 Alex 50.105 S HP3XUG
 03182202 CX4ACH 53/55 55 San 50.105 S HP3XUG
 03182350 CX -(19)0050 > EK51 W WILP/HM
 03192145 CX -(20)0230 > EK35, EK25 W WILP/HM
 03202044 CX1CCC/B S1/2 B HP3XUG
 03202250 CX -(21)0015 > EK06, DK96 W WILP/HM
 03222124 CX1CCC/B S1/2 E HP3XUG
 03222126 CX40L 53/55 GF15 Yul 50.110 S HP3XUG
 03222133 CX8BE 57/57 GF15 Geo 50.135 S HP3XUG
 03230035 CX1CCC/B S1/3 -0322 B HP3XUG
 03230059 CX7BBR 55/55 GF15 50.105 S HP3XUG
 03230108 CX2CC 54/55 GF15 50.105 S HP3XUG
 03232015+CX BURST 50.110 H W5JHV
 03240140 CX1CCC/B S2/3 -0404 B HP3XUG
 03250126 CX1CCC/B S0/1 B HP3XUG
 03250236 CX1CCC/B S0 B HP3XUG
 03270004 CX1CCC/B S3/4 -0213 B HP3XUG
 03272200-CX TEP W WP40

VENEZUELA

01010008 YV4AB/B S0 B HP3XUG
 02180015 YV4AB 59 TE 50.025 B LW5EJU
 02200040 YV4ODK 59 ANTONIO TE 50.110 B LW5EJU
 02230130 YV4AB 57 TE 50.025 B LW5EJU
 02240007 YV4AB 53 TE 50.025 B LW5EJU
 02240030 YV4ODK 59 ANTONIO TE 50.110 B LW5EJU
 02250006 YV4AB 59 TE 50.025 B LW5EJU
 12311937 YV4AB/B S1/5 B HP3XUG
 12312354 YV4AB/B S0/1 B HP3XUG

Beacon News

Norway: LA5TFA posted "The LA7SIX beacon has been out of order for a while. It is now working from my site, as a temporary solution. Frequency 50.051, 20W, 4 el Yagi pointed 180". Reports to birger@tr.telia.no or la5tfa@online.no.

QSL Information

K6LLQ: Ron Herrold, PO Box 21608, Concord, CA 94521.

OKDX Foundation: P.O. Box 73 Bradlec, 293 06 Mlada Boleslav, Czech Republic. (A35KT,5W0SZ,3D2KT, etc.)

DX Operations

K6LLQ: "I'm going on a 28-day cruise on a German tramp steamer, starting May 2 from New Orleans to Colombia, Panama Canal, and then Ecuador and return. I will monitor 50.125 using a M² square at 50 feet. Taking a GPS for accurate grid squares. Will also operate ten meters, but six meters is my main operation."

W1LP: "I'll be leaving Lake Charles, LA for the Panama Canal on or about the

8th of March and hitting Panama Canal 14/15 March; Los Angeles area, 23-27 March; San Francisco area, 29-30 March; Portland, OR, 2-3 April; Seattle, WA area 5-6 April; San Francisco area 9-12 April; Los Angeles area 13-14 April; Panama Canal 22/23 April; and Pascagoula, MS, 27 April.

V63AO: JA1VOK passes along the following: "I spoke with V63AO, Isao on 10m on March 28 during the CQ WW Test. He told me that he is now back on 6m in Kosrae Is. (RJ15) with an IC-575 & 4 el HB9CY-type beam, and is monitoring 6m. He was previously active in Ponape Is.

Namibia: Thomas Friedrich, who was extremely active on 6m a few years ago as ZS3AT from JG87MK, and who returned to Germany using the callsign DF2JQ. is back again in Namibia as V51AT. Tnx G4UPS.

St. Brandon: 3B7 belonging to the Republic of Mauritius (3B8), situated about 400 km to the north of the latter (17°S 58°E) will be activated by several stations of the Union of Swiss Short-wave Amateurs) 24 hr/day between May 5 and May 17. 6m/2m in addition to HF.

Alliance Rotators

Alliance is out of the rotor business, but Norm Jeweler, W3NRS (ex-K3LYW) of Norm's Rotor Service has bought all the remaining Alliance rotors and parts. Point your browser to <http://www.tiac.net/users/shiacawn/rotors/index.htm>.

WSWSS CW VHF Sprint

Announcing the 1998 Western States Weak Signal Society CW VHF Sprint. The 1998 WSWSS CW VHF Sprint has been moved to Saturday, May 23rd from 22:00Z to 03:00Z Sunday May 24th. This is a CW-only event lasting five hours utilizing the CW subbands of 50 and 144 MHz. Suggested operating frequencies are between .080 and .100 on each band. Each contact is worth 1 point with unique grids worked per band as multipliers. The final score is your total points times the total multipliers from both bands. Rovers are encouraged and will be judged under the original ARRL Rover rules. Certificates will be awarded to top scores in each of 10 call areas.

All contest entries are to be sent to Tim Marek, K7XC, WSWSS Vice President, Contest Chairman, 360 Prestige Ct., Reno, NV 89506 and must be received no later than 30 days after the event.

CHILE

03102300 CE Elevator Music S9 47.90 H5JHV
 03162350+CE4CLM 57 PATRICO > FK68 W WP40
 03172350+CE 52 < 0015 > FK68 W WP40
 03192145 CE -(20)0230 > EK35, EK25 W WILP/HM
 03230052 CE3BFS 54/57 54/55 50.105 S HP3XUG
 03232015+CE Elevator Music S7 47.90 F H5JHV

ECUADOR

03292100-HC2FG W W63KV/5

PARAGUAY

03230131 EP6CW 53/55 GG14 50.105 S HP3XUG

URUGUAY

02050131 CX2AM 429/559 Gus 50.1108 C HP3XUG
 02050220 CX5CR 52/57 GF15VD 50.105 S HP3XUG
 02090239 CX1CCC/B S0 B HP3XUG
 02160210 CX1CCC/B S0/1 B HP3XUG
 02200213 CX1CCC/B S0/1 B HP3XUG
 02210152 CX1CCC/B S0/1 B HP3XUG

March 1998 6m Beacon List

The following was culled from G3USF's March 16, 1998 Worldwide List of 50 MHz Beacons. Stations that were not reported to this bulletin since July 1997 or that are thought to be on the air presently less than 50% of the time have been dropped. Some frequencies have been changed and truncated.

Freq	Call	Town	Loc	Pwr	Antenna
50000	GB3BUX	Buxton	IO93BF	20	Turnstile
50000	VE1SMU	Nr Halifax NS	FN84	25	11-el Yagi
50001	BV2FG	Nr Taihoku	PL05RA	3	5/8 Vert
50003	7Q7SIX		KF75	5	
50004	PJ2SIX	Nr Willemstad	FK52KG	30	
50005	ZS2SIX	Port Elizabeth	KF25	25	Dipole
50008	H10VHF		FK58		
50008	K0GUV	Park Rapids MN	EN26	8	
50008	VE8SIX	Inuvik NWT	CP38	80	double bay
50008	XE2HWB	La Paz Baja Cal.	DL44	5	6-el
50009	PY2SFY	Pindamonhangaba	GG77GA	4	5/8 GP
50010	JA2IGY	Mie	PM84JK	10	5/8 GP
50013	CU3URA	Terceira	HM68	5	5/8 GP
50013	JD1ADP	Ogasawara Chichijima	QL17	.1	Dipole
50015	LU9EHF	Lincoln City	FF95	15	Inv. Vee
50015	S55ZRS		JN76HD	8	1/4 GP
50016	JA6YBR	Miyazaki	PM51RT	50	Turnstile
50018	V51VHF	Windhoek	JG87	60	5/8 Vert
50019	CX1CCC	Montevideo	GF15	5	GP
50020	VE8WD	NWT	DP88	20	
50021	OZ7IGY	Toelloese	JO55VO	30	Turnstile
50022	XE1KK	Villa Alpina	EK09LK	20	AR6
50022	YU6SIX		JN92JJ		
50024	SR5SIX	Wesola Nr Warsaw	KO02OF		1/4 GP
50025	OH1SIX	Ikaalinen	KP11QU	40	4 T'stles
50025	YV4AB	Valensia	FK50	15	Ringo
50027	JA7ZMA	Fukushima	QM07	50	2 T'stles
50027	SR6SIX	Wolow	JO81HH	7	GP
50028	SR8SIX	Sanok	KN19CN		
50028	XE2UZL	San Quintin	DM10	25	2 Sq Loops
50030	CS1ACP	Tavarade	IN50NE		
50030	CT0WW	Joao da Pesq.	IN61GE	40	Dipole
50031	ZD8VHF	Ascension I.	II22TB	50	Dipole
50032	JR0YEE	Niigata	PM97	2	Loop
50033	LU8YYO	Neuquen			
50036	JR6YAG	Okinawa	PL36	10	Turnstile
50037	ES0SIX	Nr Haapsalu	KO18PG	15	Horiz Dip.
50037	VE4VHF	Headingly MB	EN19	35	Vertical
50038	FP5XAB	St Pierre & Miq.	GN16	15	Horiz V
50040	SV1SIX	Nr Athens	KM17UX	25	Vert Dip
50040	VE6EMU	Camrose	DO33	35	4-el Yagi
50040	VO1ZA	St Johns	GN37	10	1/4 Vert
50040	ZL3SIX	Christ Church	RE66		
50042	GB3MCB	St Austell	IO70OJ	40	Dipole
50042	YB0ZZ	Jakarta	OI33	15	GP
50044	VE6ARC	Grand Prairie	DO05	25	
50044	ZS6TWB	Pietersburg	KG46RD	30	6-el Yagi
50045	OX3VHF	Julianehaab	GP60XR	20	GP
50047	4N1SIX	Nr Belgrade	KNO4OO	10	Vee
50047	JW7SIX	Longyearben	JQ78TF	10	4-el Yagi
50047	VK8RAS	Alice Springs	PG66	15	X-Dipoles
50048	VE8BY	Iqaluit NT	FP53RS	30	Vert Dip
50049	VA3BCN	West of Toronto	FN03		
50050	GB3NHQ	Potters Bar	IO91VQ	15	X-Dipoles
50050	ZS6DN	Nr Pretoria	KG44DE	100	5-el Yagi
50051	LA7SIX	Tromso	JP99LO	20	4-el Yagi
50052	PY1AA	Rio de Janeiro			
50053	VK3SIX	5k N Hamilton	QF02WH	12	9-el @37m
50054	OZ6VHF	Oestervraa	JO57EI	50	Turnstile
50055	EH3CUU	Nr Ripoll	JN12FE	10	Horiz Dip
50055	V44K	St Kitts/Nevis	FK87QH	2	5/8 Vert
50056	J3EOC		FK92	2	Halo
50057	VK7RAE	Lonah	QE38	20	X-Dipoles
50057	VK8VF	Darwin	PH57	100	DeltaLoop
50058	VK4RGG	Nerang	QG62	6	
50059	PY2AA	Nr Sao Paulo SP	GG66	10	GP@60ft
50059	VE3UBL	Brougham	FN03	10	Turnstile
50060	GB3RMK	Nr Inverness	IO77UU	40	Dipole
50060	W5VAS	Lk PonchartrainLA	EM40	110	Squalo
50061	KE7NS	Nr Ogden UT	DN31	2	squalo
50061	KH6HME	Pahoa HI	BK29	20	Dipole
50061	W1VHF	W.Greenwich RI	FN41	25	@80'
50061	WBORMO	Fairbury NE	EN10	25	Squalo
50062	C6AFP	Abaco	FL16	1	5/8 Tingo
50062	W7HAH	Marion MT	DN28NB	2	Halos
50065	GB3IOJ	Jersey	IN89WE	10	Vee

50065	KD4AOZ	Watkinsville GA	EM83	
50065	KH6HI	Haleiwa	BL01	50 Halo
50065	W0IJR	Aurora CO	DM79	20 2-ring halo
50065	KA0CDN	"	"	shared
50065	W0MTK	Fruita CO	DM59	4 4 Vees
50066	VE9MS	Frederickton NB	FN65	55 Loops
50066	W5OZI	Nr Junction TX	DM90XH	30 Dipole
50066	WA1OJB	Bowdoinham ME	FN54	10 2-el Coll.
50067	N8PUM	Felch MI	EN65BX	1 4-el Yagi
50067	OH9SIX	Pirttikoski	KP36OI	35 2 T'stles
50067	W3HH	Coraopolis PA	EN90	10 Horiz Loop
50067	W7GZ	Mt Lemmon AZ	DM42PJ	50 3-el
50068	K2ZB	Union City NJ	FN20	20 5/8 or halo
50068	KA4YMY	Charlotte NC	FM06	
50068	WZ8D	Nr Dayton OH	EM79UG	10 6-el
50069	K6FV	Woodside CA	CM87UL	100 varies
50069	W1RA	Cape Cod MA	FN41	15 Vert.F Dip
50069	W2RTB	Rochester NY	FN12HW	10 halo
50069	WG8T	Fairmont WV	EM99	1 Dipole
50070	K3DEL	S. Delaware	FM28	
50070	N4SW	Nr LaFollette TN	EM76VJ	1 Horiz Dip
50070	K3SIX	Edsbyn	JP71XF	10 X-Dipoles
50070	W7WKR	Seattle WA	CN87	
50071	K0ETC		EM27	10 Indoor Dip
50071	WB9STR	Bradley IL	EN61BD	5 GP
50073	ES6SIX	Nr Voru	KO37MT	10 GP
50073	NN7K	Slide Mntn NV	DM09CN	1 1/4 Vert
50074	PP2RON	(no 98 callbook listing)		
50074	VR2SIX	Hong Kong	OL72	10 GP
50074	W6SKC/7	Nogales AZ	DM41ML	20 Halo
50075	K7GLK	Bay Ridge MD	FM18	4 Turnstile
50076	N0LL	Smith Center KS	EM09OW	21 2 haloes
50077	KC4XX	Orlando FL	EL98	2 Vertical
50077	VK4BRG	Sarina	QG48	3 Turnstile
50078	KE4SIX	Augusta GA	EM83	5 Ringo
50078	OD5SIX		KM74	8 1/4 vert.
50078	PT7BCN	Fortaleza CE		
50078	TI2NA	San Jose	EJ79	20 Dipole
50079	JX7DFA	Jan Mayen	IQ50OV	10 5-el
50080	PP1CZ	Vitoria I ES	GG99UQ	3 5-el
50080	W3CCX	Philadelphia PA	FM29JW	4 halo@500'
50080	W4CHA	Tampa FL	EL88	20 Dipole
50082	LU8DCH	Beccar, BA	GF05	
50086	LU8MBL	Guaymallen, MZA	GF05	
50087	YU1SIX	Nr Usce	KN03KN	15 Dipole
50203	JA1ZYK	(no 98 callbook listing)		
50315	FX4SIX	Neuville	JN06CQ	25 Turnstile
50490	JH0ZND	(no 98 callbook listing)		
50499	5B4CY	Zyvi	KM64PT	20 GP
50750	ZS6PVW	(Packet)	KG44BG	
52345	VK4ABP	Longreach	QG26	10 1/4 Vert.
52420	VK2RSY	Dural	QF56	25 Turnstile
52445	VK4RIK	Mt Haren	QH23	15 Dipole

The following stations were dropped from G3USF's list: PE1CAJ, 4N0SIX, HV3SJ, EA7AH, SV9SIX, GB3SIX, FR5SIX, ZS6PW, LX0SIX, ZP5AA, 9H1SIX, ZB2VHF, FY7THF, LU7DYI, YO2S, TR0A, FO5DR, LU3DDF, PI7SIX, Z21SIX, VE1PZ, XE3RCM, CN8LI, ZS6DN, W7AMA, TF3SIX, JH0ZPI, K4TQR, KA0NNO/5, K8UK, GB3NGI, W3VD, LW5EGP, AB5L, W7GX, VK6RPH, KA5FYI, KQ4E, N7DB, K2SPO, W9NLF, EA3VHF, K2ZB, KOHTE, WB5LUA, W5SXD, W4IO, WA4NJF, WB4WTC, N5EAD, N7STU, KD4HLG, VR2SIX, K7IHZ, NL7XM/2, KD4HLG, W8UR, CO2FRC, G6YIN, LZ1SIX, PE1OUC, VE2TWO, PT5XX, 3C5I, 9G1AA, IS0SIX, IS0S, VK3RMV, VK6RBU, ZS8, JH8ZND, JH9YHP, JG1ZGW, SZ2DF, ZL2MHB, VK2RHH, VK5VF.

If any of our readers knows of any of the above stations that meets our listing criteria (on the air > half the time), or any of the stations listed previously who do not, please advise us with the particulars. Additions/corrections to this list should be made to this bulletin and/or frank@horizon.sri.com.

The source list was compiled by Martin Harrison G3USF for the Propagation Studies Committee of the Radio Society of Great Britain. Corrections and updates to that list may be made by e-mail to poa01@keele.ac.uk or to M. Harrison, 1 Church Fields, Keele, Staffs. ST5 5HP, UK.



Photo-Ops

Hatsuo, JA1VOK, sent us some photos from England, where he attended the Annual General Meeting of the UK Six Meter Group on February 22 1998. The photo printed above is from a six meter ham get-together at Bear Pub beer party at Sandown Park. Left to right are: Bob, W6BYA; Geoff, GJ4ICD; Hatsuo, JA1VOK; and Chris, GM3WOJ.



Danny Oglethorpe sent us some color photos of channel 2 TV DX which he had logged from his QTH in Shreveport, LA. The first is a photo of YSR-2 in El Salvador, which he received January 20, 1998. Below it is a photo of a new ID and promo seen on XHFM-2, Veracruz, VER Mexico, which he received January 15, 1998. (All of these were by Sporadic-E propagation.)

The 50 MHz DX Bulletin is on the lookout for photos of 6m stations, antennas, groups. Do you have some you'd like to see published? Send 'em along (before the summer Es season swamps us)!